



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090022

Mode: Highway

Status: Submitted

I-74, US-52

From/Cross Street: NC 65 in Winston-Salem

Specific Improvement Type: 17 - Upgrade Freeway to Interstate Standards

To: I-74 in Surry County

Project Category: Statewide Mobility

Length: 21.55

TIP#: -

Fully Funded in Draft STIP? No

Cost to NCDOT: \$27,474,000

Description:

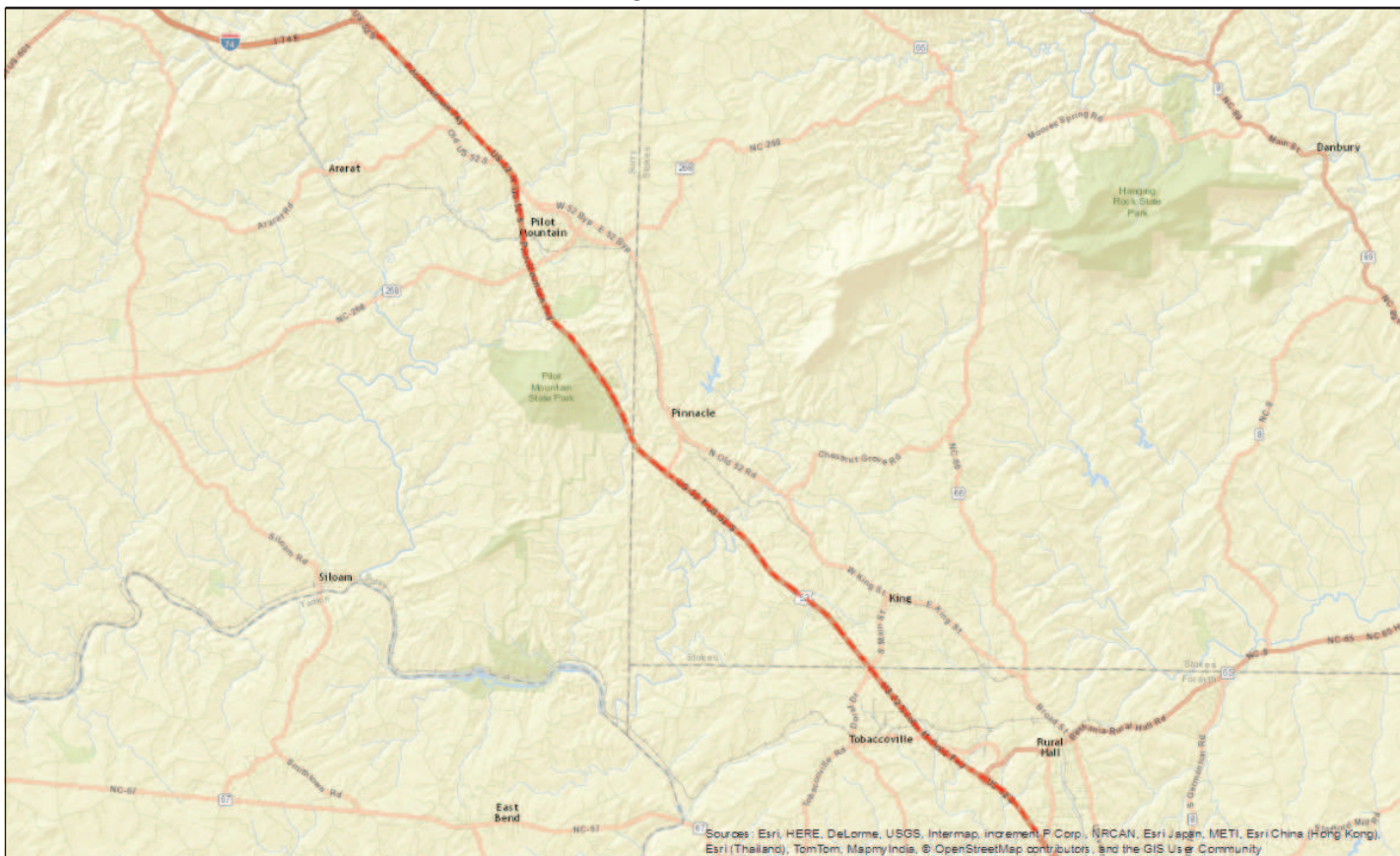
NC 65 in Winston-Salem to I-74 in Surry County. Upgrade to interstate Standards

Division(s): Division 9, Division 11

County(s): SURRY, STOKES, FORSYTH

MPOS(s)/RPO(s): Winston Salem Urban Area MPO, Northwest Piedmont RPO

Project Location



Statewide Mobility Total Score: 21.56

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Multimodal + [Freight & Military] (20%)	18.32	N/A	N/A
[Travel Time] Benefit/Cost (30%)	0.00		
Congestion (V/C) (30%)	38.84		
Safety (10%)	62.43		
Economic Competitiveness (10%)	0.00		
Totals: Weight: 100% Weighted Score: 21.56			

Regional Impact Total Score: 25.87

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%)	38.84	Percent: 15% Points: 0	Percent: 15% Points: 46
Safety (10%)	62.43		
[Travel Time] Benefit/Cost (25%)	0.00		
Accessibility / Connectivity (10%)	30.17		
Totals: Weight: 70% Weighted Score: 18.97			

Division Needs Total Score: 14.01

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%)	38.84	Percent: 25% Points: 0	Percent: 25% Points: 0
Safety (10%)	62.43		
[Travel Time] Benefit/Cost (20%)	0.00		
Totals: Weight: 50% Weighted Score: 14.01			

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	65
Length (miles):	21.55
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	8
Roadway has Curb & Gutter?	No
Volume (AADT):	30261.38
Capacity:	67903.25
Volume/Capacity Ratio:	0.45
% Autos:	88%
% Trucks:	12%
Truck Volume:	3663.03
Crash Density:	72.63
Crash Severity:	55.97
Critical Crash Rate:	58.71
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	94
Actual Congested Speed:	62.74
Travel Time Index:	1.03

Project Benefits

Project Cross-Section:	
Speed Limit:	65
Length (miles):	21.55
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Other Principal Arterial
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	10
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	0
% Change in Economy:	0
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 11

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!ine tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 9	54%	0	0
Division 11	46%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Winston Salem Urban Area MPO	54%	0	0
Northwest Piedmont RPO	46%	46	0
	0%	0	0
TOTAL MPO/RPO Points		46	0

Project Cost and Source

Construction Cost:	\$27,474,000	TIP Unit
Right-of-Way Cost:	\$0	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$27,474,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$27,474,000	